

# PUBLIC NOTICE



**US Army Corps  
of Engineers  
Kansas City District**

**Permit No. 200602538  
Issue Date: April 25, 2007  
Expiration Date: May 16, 2007**

**21-Day Notice**

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**JOINT PUBLIC NOTICE:** This public notice is issued jointly with the Missouri Department of Natural Resources, Water Pollution Control Program. The Department of Natural Resources will use the comments to this notice in deciding whether to grant Section 401 water quality certification. Commenters are requested to furnish a copy of their comments to the Missouri Department of Natural Resources, P.O. Box 176, Jefferson City, Missouri 65102.

**APPLICANT:** Dayrel Adkison  
6939 NE Nettleton Road  
Hamilton, MO 64644

**PROJECT LOCATION** (As shown on the attached drawings): In a tributary of Otter Creek, in Section 22, Township 57 north, Range 27 west, Caldwell County, Missouri.  
(Latitude 39.7385/Longitude -93.9213) USGS Quad: MO HAMILTON EAST

**AUTHORITY:** Section 404 of the Clean Water Act (33 USC 1344).

**ACTIVITY** (As shown on the attached drawings): **(Proposed)** Place approximately 80 cubic yards (180' long by 6' wide by 2' deep) of soil below the ordinary high water mark for the construction of an earthen dam. The overall earthen dam would be approximately 630 linear feet long, perpendicular to the tributary, 180 feet wide, upstream/downstream, and approximately 26 feet high, with a 14-foot-wide crown. The earthen dam would be compacted and borrow material would be obtained on-site. The dam would create an impoundment which would inundate approximately 2,630 linear feet of the tributary. The purpose of the project is for erosion control on the applicant's agricultural property.

The applicant proposes to mitigate for the loss of 2,630 linear feet of stream habitat by the creation of riparian buffer zones in areas along both sides of tributaries located within the watershed.

**WETLANDS:** No known jurisdictional wetlands would be impacted by the proposed project.

**ADDITIONAL INFORMATION:** Additional information about this application may be obtained by contacting Jon R. Miller, U.S. Army Corps of Engineers, Missouri State Regulatory Office, 221 Bolivar Street, Suite 103, Jefferson City, Missouri 65101 at telephone number 573-634-2248, extension 3828 (FAX 573-634-7960) or via email at jon.r.miller@usace.army.mil. All comments to this public notice should be directed to the above address.

**CULTURAL RESOURCES:** Kansas City District will comply with the National Historic Preservation Act of 1966 and 36 CFR 800. We have checked the National Register of Historic Places and the Federal Register and no property listed in the Register or proposed for listing is located in the permit area. This is the extent of our knowledge about historic properties in the permit area at this time. However, we will evaluate input by the State Historic Preservation Officer and the public in response to this public notice, and we may conduct or require a reconnaissance survey of the permit area to check for unknown historic properties, if warranted.

**ENDANGERED SPECIES:** In compliance with the Endangered Species Act, a preliminary determination has been made that the described work will not affect species designated as threatened or endangered or adversely affect critical habitat. In order to complete our evaluation of this activity, comments are solicited from the U.S. Fish and Wildlife Service and other interested agencies and individuals.

**FLOODPLAINS:** This activity is being reviewed in accordance with Executive Order 11988, Floodplain Management, which discourages direct or indirect support of floodplain development whenever there is a practicable alternative. By this public notice, comments are requested from individuals and agencies that believe the described work will adversely impact the floodplain.

**WATER QUALITY CERTIFICATION:** Section 401 of the Clean Water Act (33 USC 1341) requires that all discharges of dredged or fill material must be certified by the appropriate state agency as complying with applicable effluent limitations and water quality standards. This public notice serves as an application to the state in which the discharge site is located for certification of the discharge. The discharge must be certified before a Department of the Army permit can be issued. Certification, if issued, expresses the state's opinion that the discharge will not violate applicable water quality standards.

**PUBLIC INTEREST REVIEW:** The decision to issue a permit will be based on an evaluation of the probable impact including the cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, esthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs and, in general, the needs and welfare of the people. The evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection

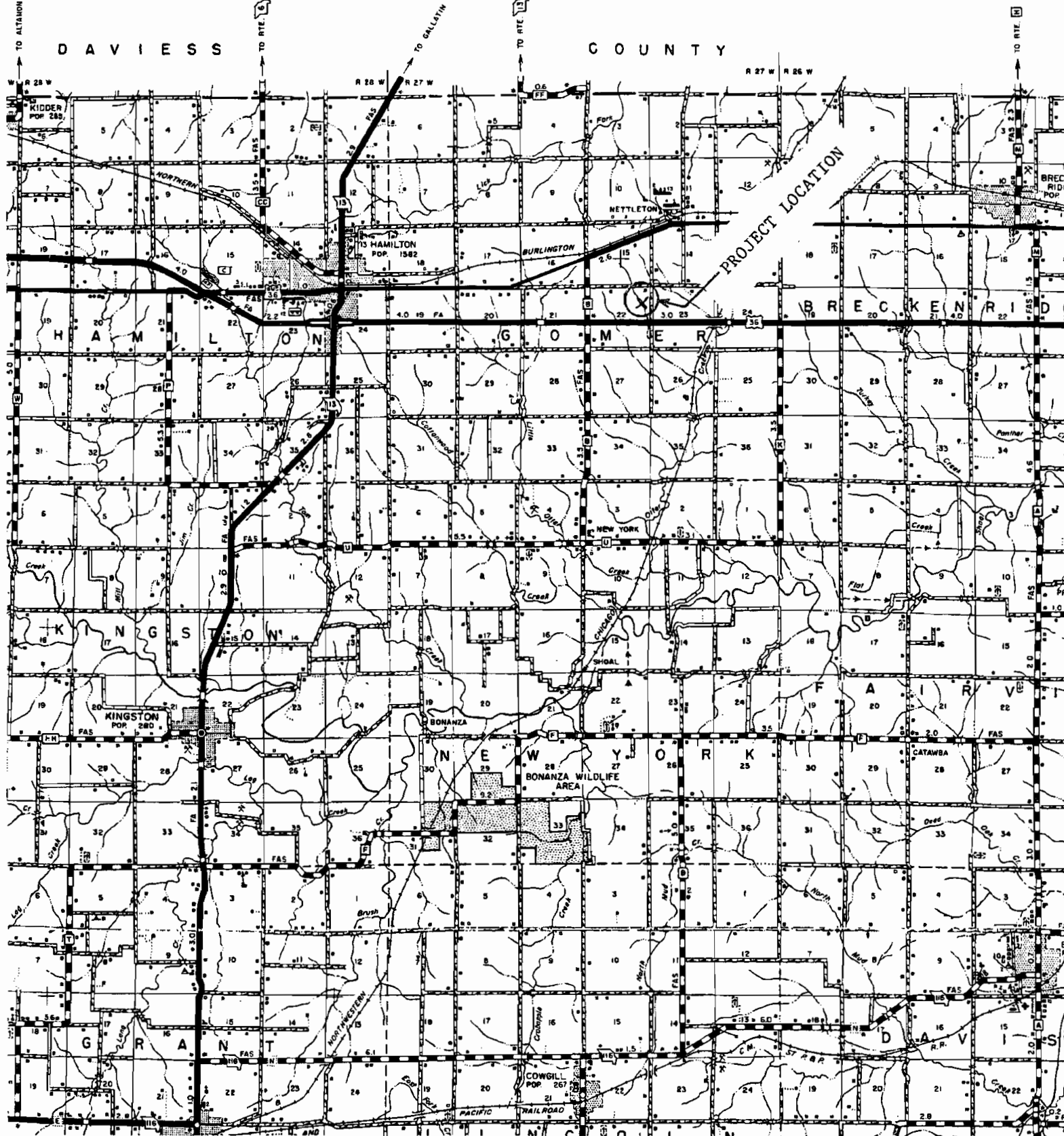
Agency under authority of Section 404(b) of the Clean Water Act (33 USC 1344). The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

**COMMENTS:** This notice is provided to outline details of the above-described activity so this District may consider all pertinent comments prior to determining if issuance of a permit would be in the public interest. Any interested party is invited to submit to this office written facts or objections relative to the activity on or before the public notice expiration date. Comments both favorable and unfavorable will be accepted and made a part of the record and will receive full consideration in determining whether it would be in the public interest to issue the Department of the Army permit. Copies of all comments, including names and addresses of commenters, may be provided to the applicant. Comments should be mailed to the address shown on page 2 of this public notice.

**PUBLIC HEARING:** Any person may request, in writing, prior to the expiration date of this public notice, that a public hearing be held to consider this application. Such requests shall state, with particularity, the reasons for holding a public hearing.

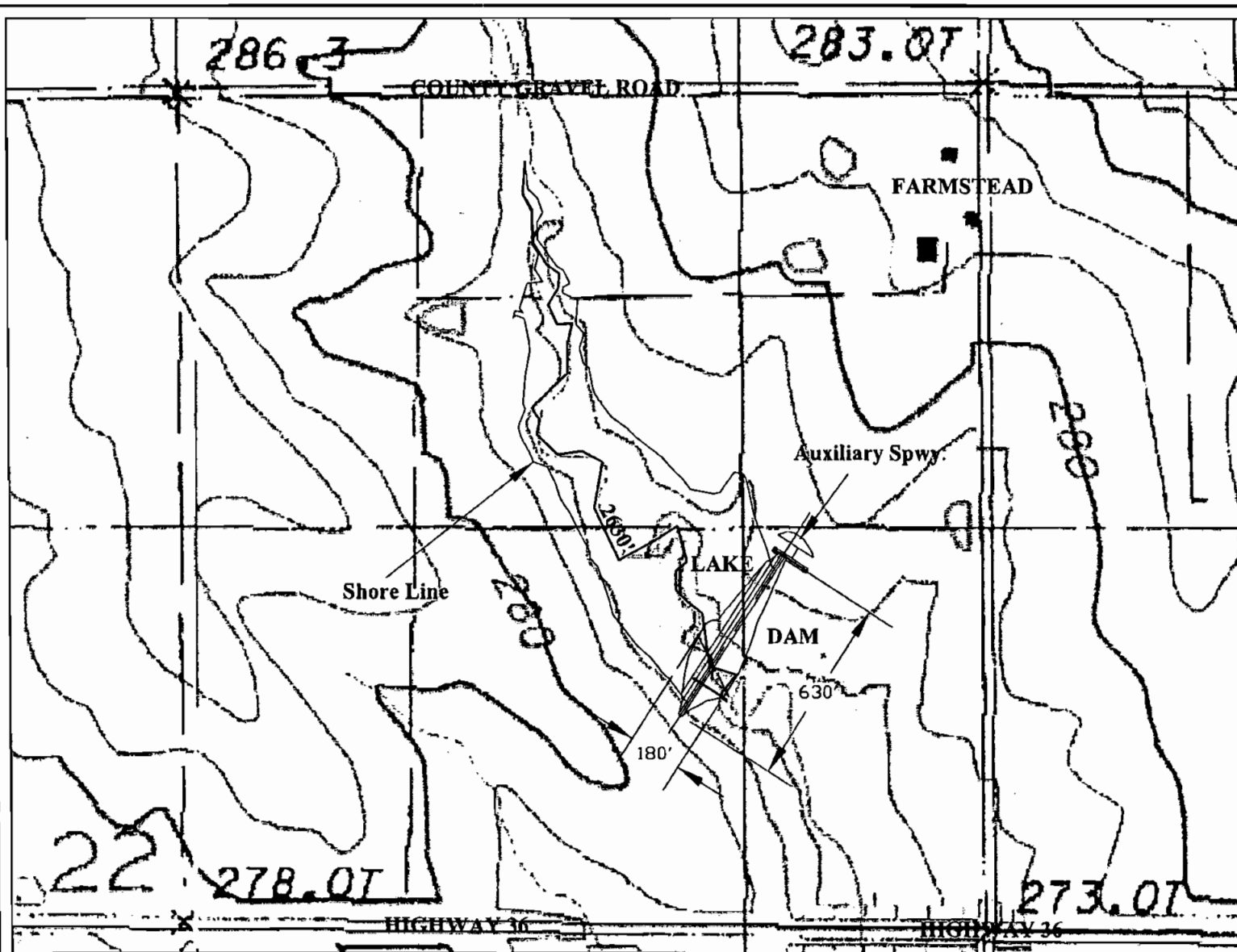
**NOTE:** This public notice is posted on the Kansas City District Regulatory web page and can be viewed at the following address:

[http://www.nwk.usace.army.mil/regulatory/public\\_notices.htm](http://www.nwk.usace.army.mil/regulatory/public_notices.htm)



LOCATION MAP  
 APPLICATION NO. 200602538  
 BY DAYREL ADKISON  
 FOR THE PLACEMENT OF AN EARTHEN  
 DAM AND IMPOUNDMENT

SECTION 22 TOWNSHIP 57 NORTH RANGE 27 WEST  
 CALDWELL COUNTY, MISSOURI



AREA VIEW (Overlaid Hamilton East Quad)

Project Location: T57N, R28W, Section 22

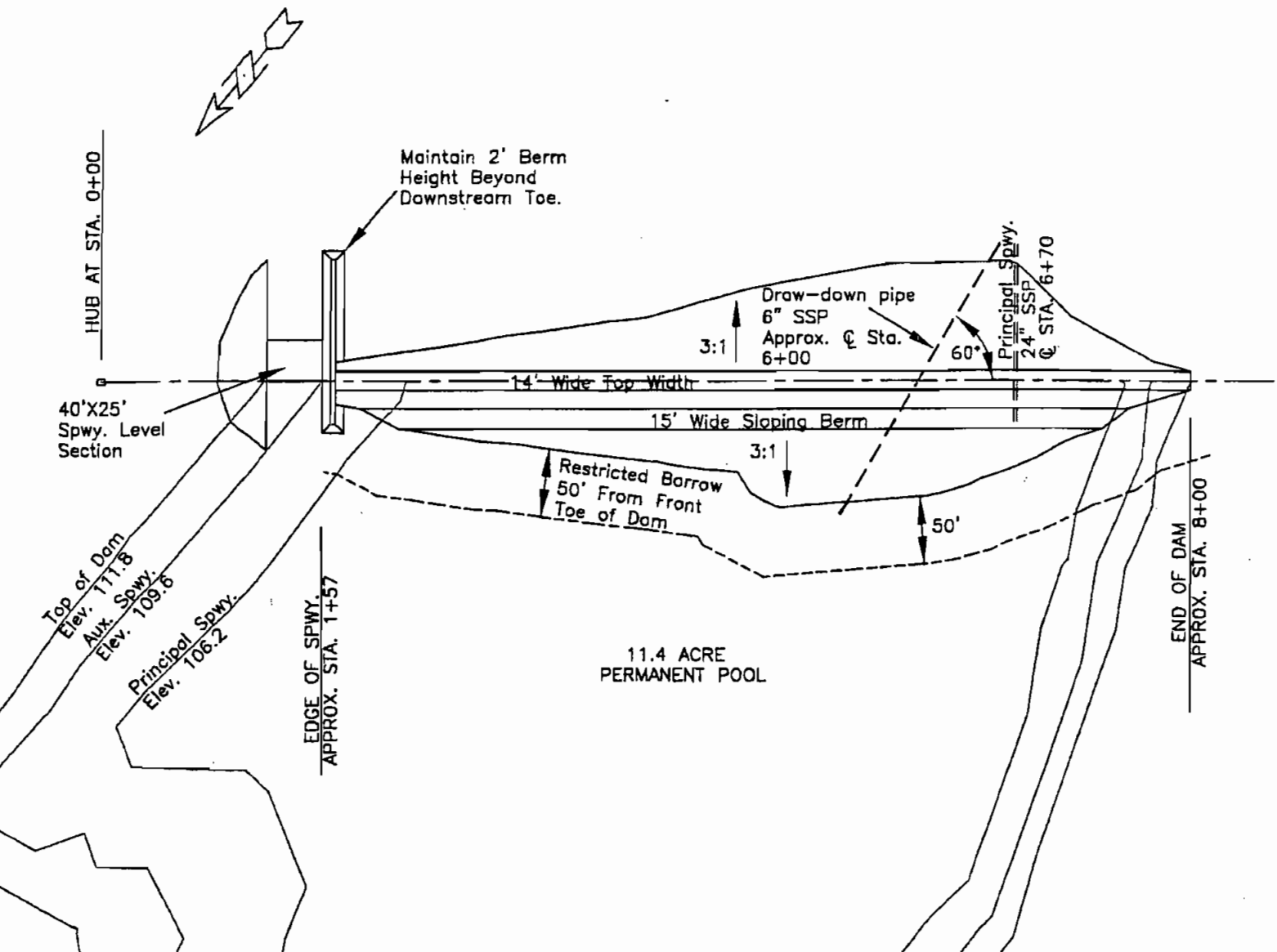


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Scale in Feet

APPLICATION NO. 200602538  
 BY DAYREL ADKISON  
 FOR THE PLACEMENT OF AN EARTHEN  
 DAM AND IMPOUNDMENT  
 UNNAMED TRIBUTARY OF OTTER CREEK  
 CALDWELL COUNTY, MISSOURI  
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NOTES:

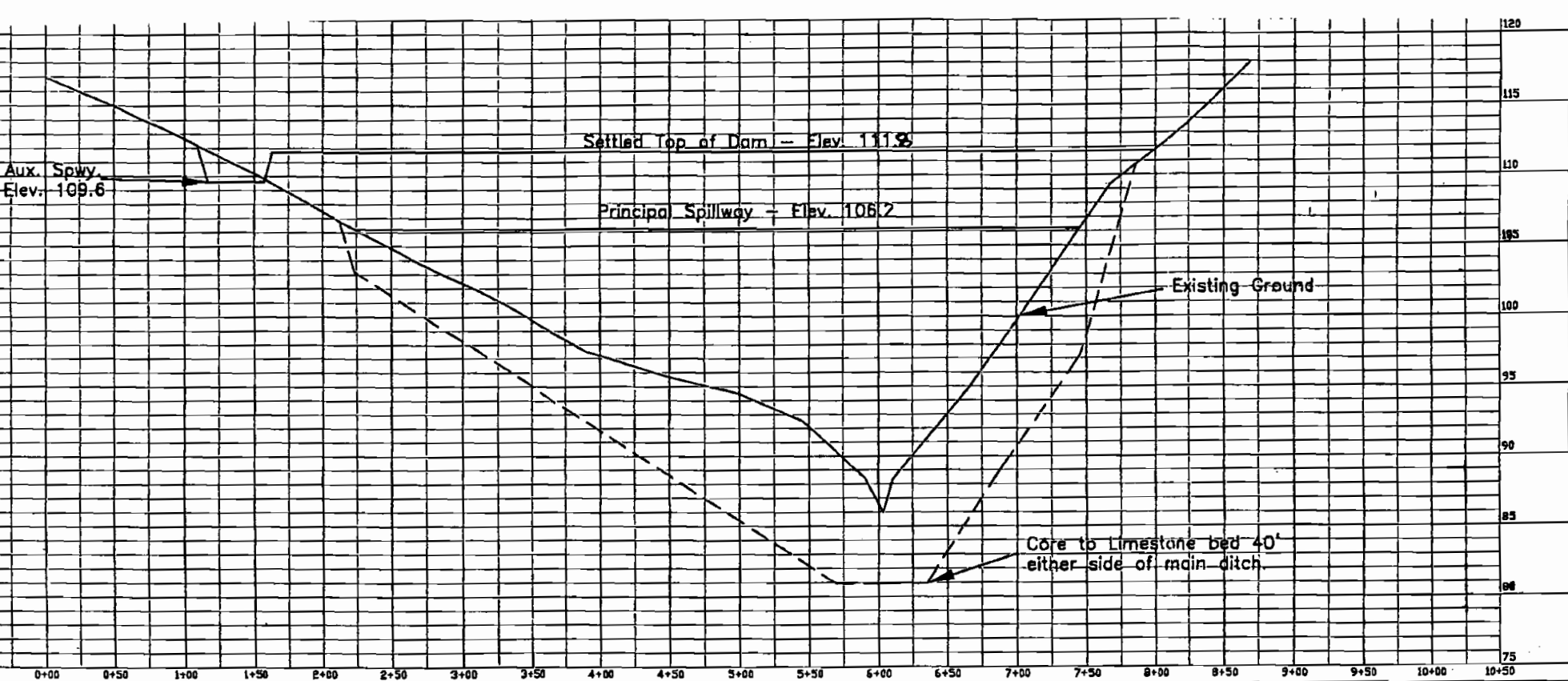
- NRCS INSPECTION REQUIRED FOR:
- Core Trench Excavation and Backfill
- Pipe Welds
- Anti-Seep Collar Welds and Location
- Principal Spillway in Place Prior to Backfill
- Backfill of Principal Spillway
- Compaction of Earthfill
- Final Check

Sketch Not to Scale

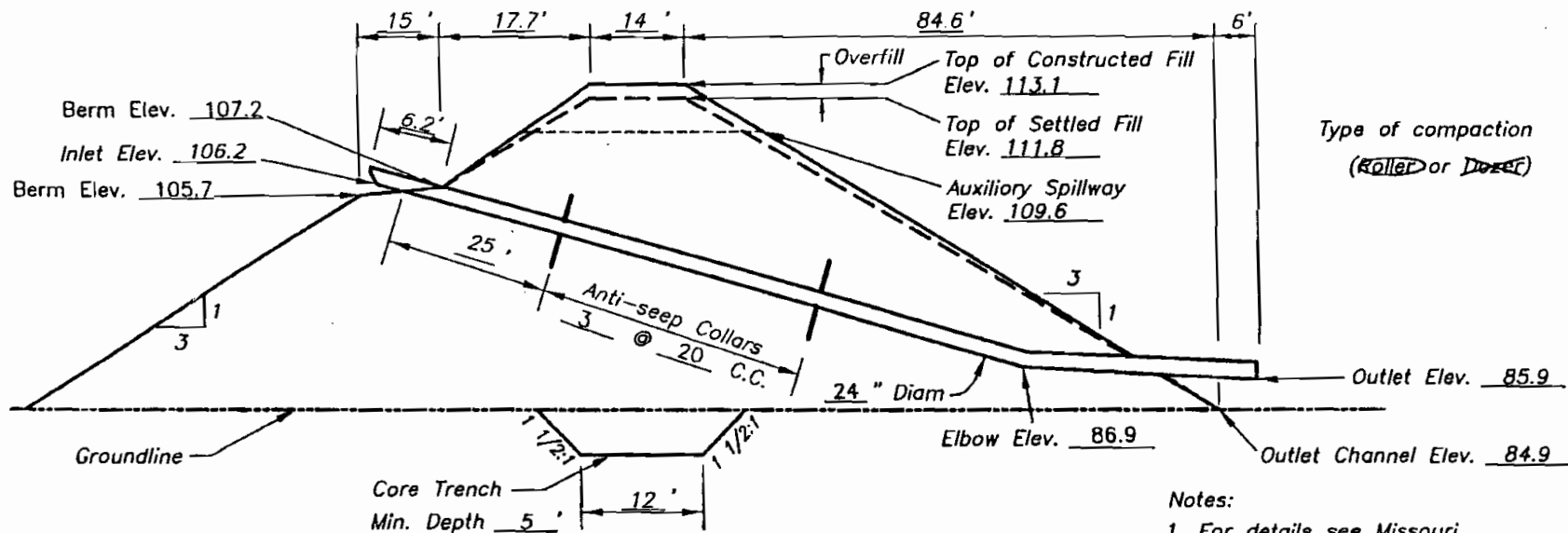
Compaction will not be done by dozer alone, but must be done by sheepfoot roller or loaded rubber tire scrapers.

Concentrate seeds canary grass or other NRCS approved vegetation on berm and waterline to protect against wave action. No borrow is to be taken within 50' of front toe of dam.

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UNNAMED TRIBUTARY OF OTTER CREEK  
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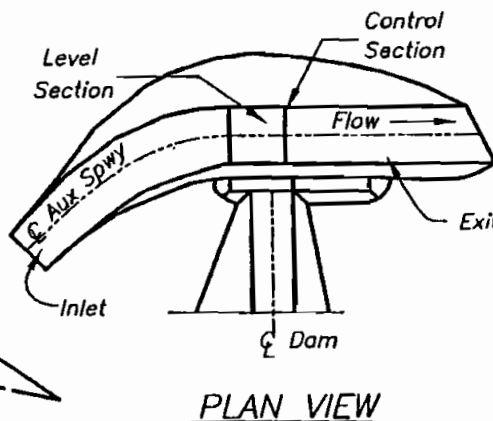
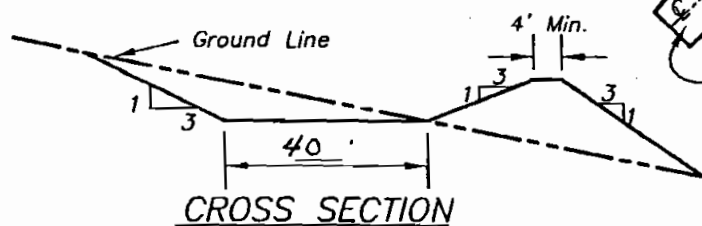
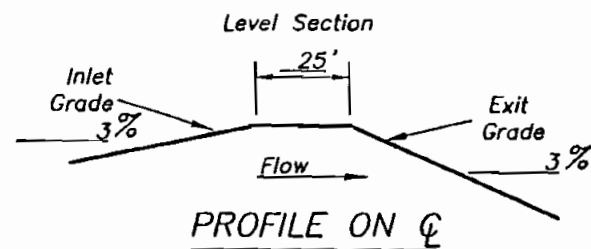


### SECTION ALONG & PRINCIPAL SPILLWAY

TBM NO. 1 Elev. 100.00 Description Top of nail in disc, 1' above ground in locust tree approx. 200' south of east end of centerline.

#### Notes:

1. For details see Missouri Construction Specifications 378, Earth Dams and Pipe Spillway.
2. Additional principal spillway details are shown on attached drawings.
3. Locate auxiliary spillway on right, (left) or both ends of dam as shown on Plan View of Dam.
4. Overfill for settlement equals 5% x dam height at any given station.



Landowner: DAYREL ADKISON

PRINCIPAL AND AUXILIARY SPILLWAYS  
HOOD OR CANOPY INLET  
BERM AND STRAIGHT PIPE  
CALDWELL COUNTY, MISSOURI

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Not to Scale

AUXILIARY SPILLWAY

3/01

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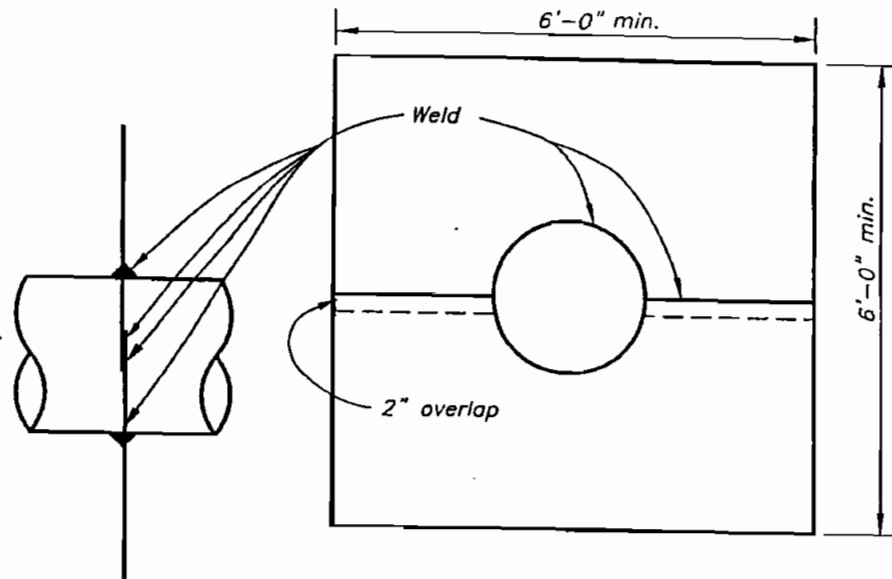


# NOTES:

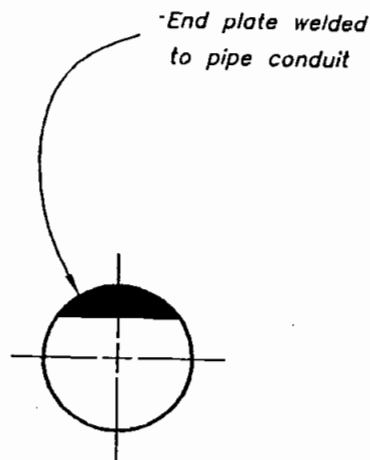
1. All welds shall be watertight.
2. All pipe shall have a minimum thickness of  $\frac{1}{4}$  inches.
3. All steel plates shall have a minimum thickness of  $\frac{1}{4}$  inches unless otherwise specified.
4. Welds on pipe surface joints shall be either (a) or (b).
  - (a) Single "V" butt weld, 60 degree angle bevel, root face and gap measurements 0 to  $\frac{1}{8}$ ". The "V" is to be completely filled.
  - (b) Butt weld joint with two passes.

Weld 2"x 10"x  $\frac{1}{4}$ " or equivalent size steel straps across all field welded joints with  $\frac{1}{8}$ " fillet welds. Straps shall be flush with pipe surface.

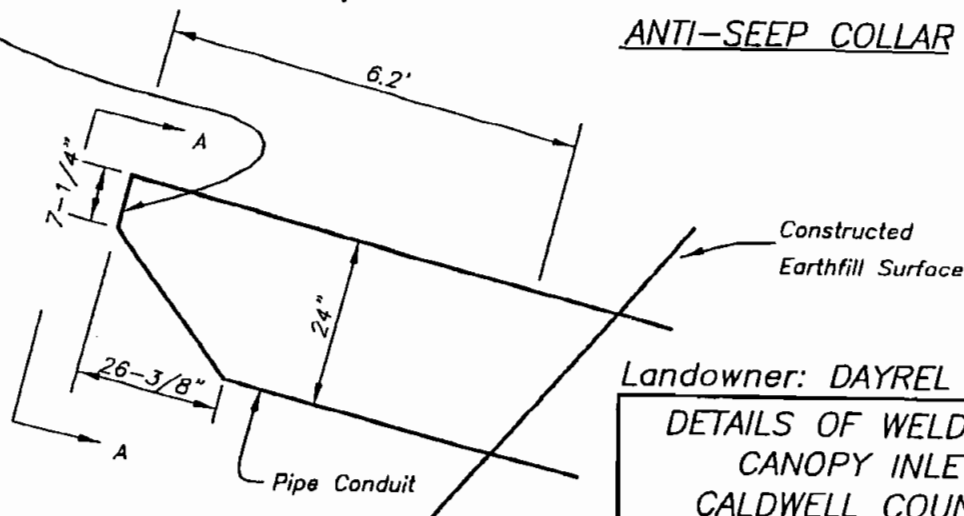
6 to 8 inch diameter WSP - Use 3 straps equally spaced.  
 8 1/2 to 15 inch diameter WSP - Use four straps equally spaced.  
 Pipe larger than 15" dia. - The strap spacing shall not exceed 12" C.C. except the number of straps need not exceed 8 on pipe sizes 30" in dia. thru 48" dia..
5. Bolted connection shall have a minimum  $\frac{3}{8}$ " galvanized steel bolt with nuts, lock and flat washers. Maximum bolt spacing shall be 6 inches.
6. For further details see Missouri Construction Specification 378, Pipe Spillway.



ANTI-SEEP COLLAR



SECTION A-A



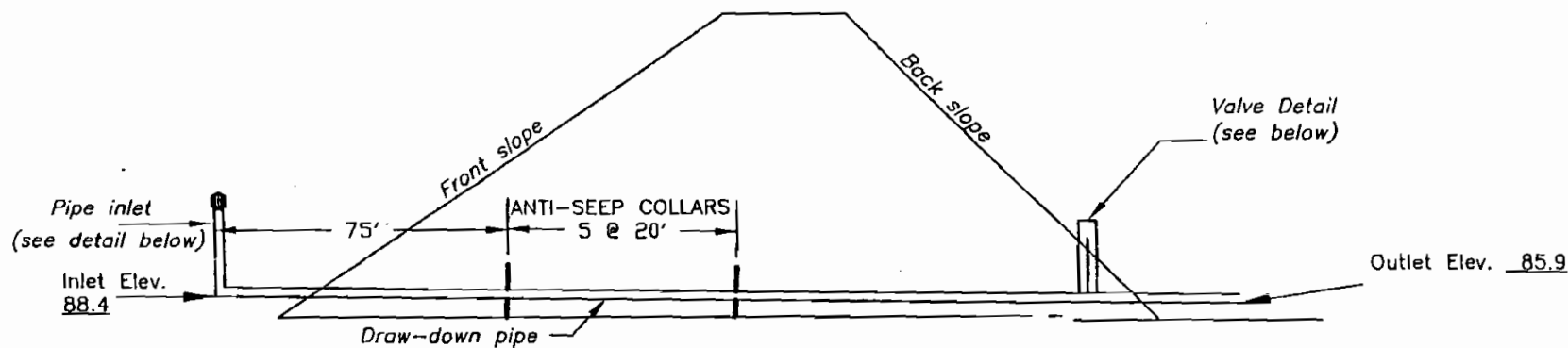
SECTION ALONG C OF PIPE

INLET SECTION

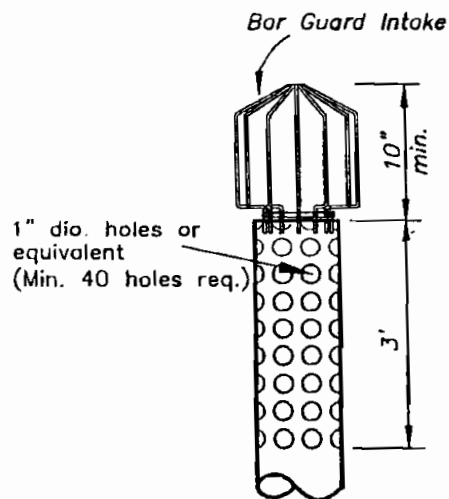
Landowner: DAYREL ADKISON

DETAILS OF WELDED STEEL PIPE  
CANOPY INLET SPILLWAY  
CALDWELL COUNTY, MISSOURI

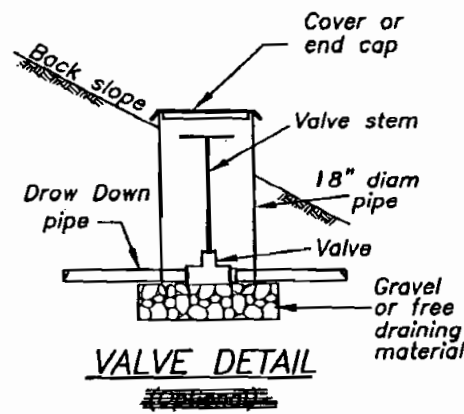
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PROFILE ALONG DRAW DOWN PIPE

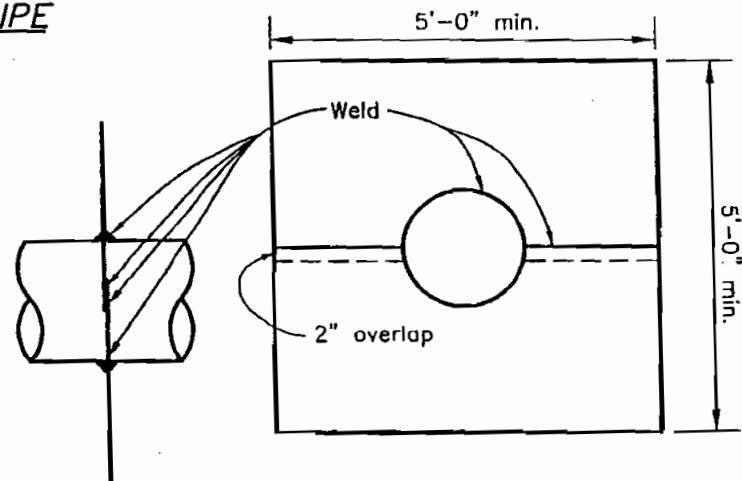


INLET DETAIL



VALVE DETAIL

*Not to Scale*



ANTI-SEEP COLLAR

**NOTES:**

1. Bar guard intake shall be constructed from a min. 1/4" steel rodsl, as used for a majority of UGOs for terraces. As approved by NRCS, other equivalent designs may be used.
2. Inlet elevation is a minimum to maintain 1% slope in draw-down pipe. Steeper pipe slope is acceptable.
3. 1" diameter holes in inlet may be replaced with 1" X 4" slots if desired. A min. of 8 slots is required if they are to be used instead of holes.

**BILL OF MATERIALS**

QUAN	UNIT	ITEM	(1/4" MIN.)	QUAN	UNIT	ITEM
250	Ft	Draw-down pipe	6" inside diam (SSP)			
5	Ft	Perforated inlet	6" inside diam (min)(SSP)	1.0	C.Y.	Gravel
1	Ea	6" valve with valve stem			C.Y.	
6	Ft	Pipe 18" diam with cover			C.Y.	
5	EA	5'-0" X 5'-0" Anti-seep Collars	(1/4" MIN.)			

Landowner: DAYREL ADKISON

**DRAW-DOWN PIPE  
FOR EARTH DAMS  
CALDWELL COUNTY, MISSOURI**

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